

ABSTRACT OF THE DISCLOSURE

The energy beam guide comprises a first region having a first refractive index, the
first region having an energy beam receiving end and an inclined first boundary opposing the
energy beam receiving end. The energy beam guide also includes a second region having a
5 second refractive index that is less than the first refractive index. The second region shares
the first boundary with the first region, and has a declined second boundary opposing the first
boundary. A predetermined distance separates the first and second boundaries. Finally, the
energy beam guide comprises a third region having a third refractive index. The third region
shares the second boundary with the second region. Also provided are a method for making
10 and using the energy beam guide.